LH-A004 575W Moving Head Light

12ch

User Manual

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GZ LEAHUA LIGHT LIMITED

This manual contains important information.
Please read before operating fixture.

1 SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 ℃ -40 ℃, the highest temperature of the surface of the lamp: 60 ℃.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

1. 12 standard control channel
2.HMI 575 W lamp
3.One color wheel,seven colors+openlight
4.One gobo wheel,seven gobos+openlight ,one glass gobo
5.One three- prism,and it can rotate positively and reversely.
6.It can be controlled by console to dimmer autoly.
7.Pan 540°,Titl 252°
8.Control signal DMX512
9.Voltage:AC220V-230V 50-60HZ
10.Consumption:750W
11.Packing size:53*49*58.5mm
12.Net weight:28.5KG

3 Board Instruction

The menu of the controlling display board is mainly designed for different moving head light.It has many functions of controlling,simple controlling.

Ⅰ、DMX512[adress value setting]

You can change the device adress with this function.

Press “ESC”key once or more times till displaying “A.001”. Now press “UP” or “DOWN” key to scan other functions.

Press “ENTER” key, letter “A” extinct. You can choose the adress value “001--512” with the “UP” or “DOWN” key. Make sure logging down by pressing the “ENTER” key or quiting logging down by pressing “ESC” key.

Set the adress value to “001” and accept the slave mode at the same time.

When displaying adress value, if the setting without connecting DMX console, the screen will glimmer. If the setting connecting DMX console ,the screen will not glimmer, however the DMX signal indicator light will glimmer with signal.

Ⅱ、DN.Pr.[DMX pre-set]

You can choose different operating modes with this function.

Press “UP” or “DOWN” to scan other function forms.

Press “ENTER” to enter, then press “UP” or “DOWN” to choose “nod.1” or “nod.2”, press “ENTER” to make sure the conservation and quit or press “ESC” without conservation but quit.

Nod.1:[Mode 1] norma channel value controlling

Nod.2:[Mode 2] less channel value controlling

Set the DMX pre-setting to “nod.1” and accept the slave mode at the same time.

Ⅲ、test [testing procesure]

You can excecute the internal demo procedure without connecting console with this function. This setting also will be conserved. And when you don’t quit the testing procedure, It can enter it automatically when start up.

Press “UP” or “DOWN” ,you can scan other function forms, press “ENTER” to enter.

nod.1:[testing mode 1]

Press “UP” or “DOWN” to choose choose other modes, press

“ENTER” to enter, displaying “RUN” testing working.If you want to quit ,press “ESC”.

nast[master control]

You can operate the testing without master machine delivery DMX signal to the slave machine with this function.

Press “UP” or “DOWN” to choose choose other modes, press “ENTER” to enter,displaying “ON”means the master machine delivery signal, DMX signal indicator light on. Displaying “OFF” means not delivery signal, DMX signal indicator light off. press “ENTER” to make sure the conservation and quit or press “ESC” without conservation but quit. After setting “ON”, you must cut out external console connection and don’t make two or more master machines in one connection.

Ⅳ、Audi.[sound activated]

You can test procedure by sound activating with this function.

Press “UP” or “DOWN” to scan other function forms.

press “ENTER” to enter, then press “UP” or “DOWN”. Choosing “ON” or “OFF” means if using sound activated when testing. “ON” means with sound control, “OFF” means without sound control,control automatically when testing. After setting “ON”, when testing the procedure , the audio signal indicator light will glimmer with the music.

Ⅴ、r.Pan.[pan counter rotate]

You can pan counter-rotate the machine with this function

press “ENTER” to enter. press “UP” or “DOWN” . Press “ON” if with counter-rotating, if not, press “OFF”. press “ENTER” to make

sure the conservation and quit or press “ESC” without conservation but quit.

Ⅵ、r.tilt[tilt counter rotate]

You can tilt counter-rotate the machine with this function

press “ENTER” to enter. press “UP” or “DOWN” . Press “ON” if with counter-rotating, if not, press “OFF”. press “ENTER” to make sure the conservation and quit or press “ESC” without conservation but quit.

Ⅶ、r.set[setting reset]

You can reset the starting-up setting to the original standard fixting with this function,press “ENTER” to confirm.

4 DMX CHANNEL SHEET

CH 1: strobe

0-1	off
2-87	open+dimmer
88-130	open
131-253	strobe form slow to fast
254-255	open

CH 2: Gobo

0-23 openlight
24-47 gobo one
48-71 gobo two
72-95 gobo three
96-119 gobo four
120-143 gobo five
144-167 gobo six
168-191 gobo seven
192-255 rain-bow gobo effect,positive rotate from slow to fast

CH 3: Gobo rotating
0-0no rotating
1-127 positive rotation from fast to slow
128-255 reverse rotation from slow to fast

CH 4: color wheel
0-23 openlight
24-47 color one
48-71 color two
72-95 color three
96-119 color four
120-143 color five
144-167 color six
168-191 color seven
192-255 rain-bow color effect,positive rotation from slow to fast

CH 5: X scan
0-255 0~270 °

CH 6: Y scan
0-255 0~270 °

CH 7: Prism
0-31 no prism
32-127 prism
128-191 positive rotation form fast to slow
192-255 recerse rotation from slow to fast

CH 8: Dimmer
0-255 near to far

CH 9: Pan fine
0-255 0~2.1 °

CH 10: Titl fine
0-255 0~1.0 °

CH 11: Pan and titl speedment
0-255 fast to slow

CH 12:
0-254no function
255-255 reset

5.INSTALLATION AND RELANCE THE LAMP

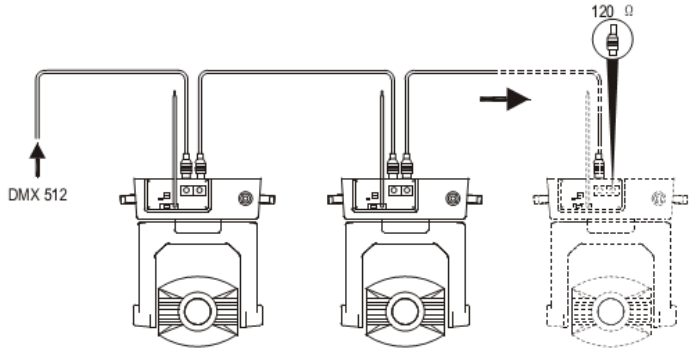
Unscrew the screw which located at the back of the light,and open the back panel.

Take out the new lamp and put it into the base.The screw which located at both side must be screwed drow.

Attention:Please let the salient on the center of the bulb face the side cover,adjust the lamp holder and make bulb keep its irradiate center si that light can irradiate evenly.Normally,distance of lamp holeder has been kindly adjusted well in factory**.**

6.Connection of signal cable

Connection XLR cable with DMX input of each fixture and connecting DMX output of the first fixture with DMX input of the next fixture.Doing so until all the fixtures have been Connected,then connecting termination plug with DMX output of the last fixture.As the picture:

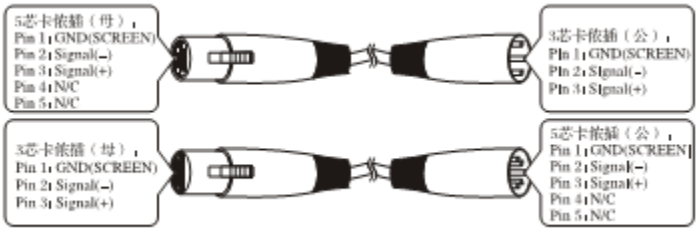


Note:remember to connect with a DMX teminator in the output of the

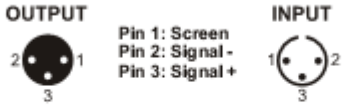
last fixture.The termination is with a 120hm resistor soldered between pins 2 and 3 of CANON plug in order to avoid interference in digital signal transmitting:The moving head light uses 3-pin XLR plug.

If your controller is used 3-pin XLR plug,you should use one 3-pin or 5-pin transformation cable.Please look at picture below:

The convert between 3p-ins and 5p-ins plug



The connection line of 3-pin Canon DMX512



7 DIFFICULTY RESOLUTION

The following is a list of problems and resolution, and other malfunction preparing work should be professionally qualified staff to deal with.

1. Bulb not working

a) Check whether approaching the service life of light bulbs, then change it

b) Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

a) The bulbs maybe approach the service life, then change it, or the optical components are unclean.

b) Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

a) Check whether the fan process naturally and become dirty

b) Check inner temperature-response control plug is off

c) Check whether the circuitry is good

4. The computer lamp not controlled by controller during lighting

a) Check numeral starting address and the connection of communication control circuit

b) The corresponding channel button of controller is open or not

c) Check whether the fuse on power supply input jack is broken off

8 AFTER SERVICE

1. Our company offer technical consultation to customers for ever.
2. If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.
3. In addition to the lamp, also matching accessories are as follows：

accessories：Power line 1 piece Optional parts：(customers）

Warranty Card

Name	Model	Production	Purchase

End User	Sale Store
Company Name:	Link man:
Add:	Tel: Stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period：one year since purchase warranty terms：1、If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

(1)Without the effective warranty card

(2)There's blank, alter and no point-of-sale name

(3)Fail caused by unresistance

(4)Fail caused by transportation or unloading

(5)Fail caused by not operate by manual

(6)Fail caused by disassemble without unauthorized

(7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.